Manhole Inspection Summary M			Manhole # S21M051MH		
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Inspection	☐ Is Incomplete	Rating: 3) Fair			
Record Plat: 21	Node: 051	Status: Found	Insp Date: 2/20/08 1:08 PM		
Incomplete Comments Crew: REI					
			Inspector: abright		
			Firm: ATS		
Location	Address: 425 monroe st		Cross Street: wilkens ave		
Manhole	Type: Offset (type 2)	Location: Roadway	Ground Conditions: Wet		
	☐ Prev. Rehab	Weather: Snow	Subject To Ponding: None		
Comments					
Cover	Shape: Circular	Diameter: 24	(in.) Length: 0 (in.) Dist A/B Grade: 0 (in.)		
	Type: Sanitary	Condition: Sour	Ind Cover Material: Cast Iron		
Properties:	☐ Bolted ☐ Vent	ted Water Tight	☐ Water Tight Insert		
Frame	Offset: 2 (in.)	Condition: 🗸 Sound	d Cracked Leaks		
Chimney / Fra	ıme Adjustment	Z Exists Material: Bricl	Parged Height: 4 (in.)		
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated					
Infiltration:	☐ None ✓ Joint	☐ Cracks ☐ Mortar	ır 🗌 Roots 🔲 Wall		
Corbel	Material: Brick	☐ Parge	ged Type: Concentric/Eccentric		
Condition:	✓ Sound ☐ Crack	ked ☐ Root Intrusion	☐ Loose Brick ☐ Deteriorated		
Infiltration:	✓ None ☐ Joint	☐ Cracks ☐ Mort	rtar □ Roots □ Wall		
Barrel	Material: Brick	☐ Parge	jed		
Shape: Circular Diameter: 60 (in.) Length: 0 (in.)					
Condition:	✓ Sound ☐ Crack	xed ☐ Root Intrusion	☐ Loose Brick ☐ Deteriorated		
Infiltration:	☐ None ☐ Joint	☐ Cracks ☐ Mort	rtar 🗌 Roots 🔽 Wall		
Bench	✓ Exists Material:	Brick	☐ Parged		
Condition:	✓ Sound ☐ Crack	xed ☐ Root Intrusion	☐ Deteriorated ☐ Leaks ☐ Debris		
Channel	Material: Brick	☐ Parge	ed ed		
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0					
Condition:	✓ Sound ☐ Crack	xed ☐ Root Intrusion	☐ Deteriorated ☐ Leaks ☐ Debris		
Steps	Count: 5 Missing	: 2			
Surcharge	✓ Evidence Of Su	rcharge Depth: 4 ((ft.) Active Surcharge Present		

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Location View



Defect 6



infiltration of the barrel wall

Defect 4



Top View



Defect 5



Defect 3



infiltration of the joint

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Defect 2



deteriorated chimney

Defect 1



frame offset

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10 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 10.8 (in.) Rod and Bar (Angled)

Pipe Material: Clay

☐ Pipe Lined

Invert Depth: 12.90 (ft.) Flow Characteristics: Slow

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: 0 Deposits Extent: (in.)

Infiltration: None Pipe Seal Cond: Sound Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 OClock





Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

☐ Pipe Lined

Invert Depth: 12.80 (ft.) Flow Characteristics: Slow

Deposits: ☐ None ☐ Mud ☐ Sludge ✓ Debris ☐ Grease

Connects To: Manhole

Drop: None

Silt Depth: 3

Deposits Extent: Medium (in.)

Possible Illicit Connection

Infiltration: None

Pipe Seal Cond: Sound

Manhole # S21M 051MH

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8 in. Circular Gravity Sewer





Pipe Height: 8.4 (in.) I	Rod and Bar (Angled)	Drop			
Pipe Material: Clay	☐ Pipe Lined				
Invert Depth: 12.54 (ft.) Flow Characteristics: Slow					
Deposits: ✓ None	∕lud ☐ Sludge ☐ Debris ☐ Grease				

Silt Depth: 0 (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

o: None Connects To: Manhole

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 9 OClock





infiltration from the barrel wall is visible

Pipe Height: 7.2 (in.) Ro	od and Bar (Angled)	Drop: None
Pipe Material: Clay	☐ Pipe Lined	
Invert Depth: 12.52 (ft.) F	low Characteristics: Slow	
Deposits: ✓ None ☐ Mu	ıd ☐ Sludge ☐ Debris ☐ Grease	
Silt Depth: 0 (in.)	Deposits Extent:	Connects To: Manhole
Infiltration: None	Pipe Seal Cond: Sound	Possible Illicit Connection